

# TG-TOWER

CE MSDS IEC UL ISO UN38.3



## Perfect Compatibility

Compatible to most inverter brands on the market



## Premium Cell

Tier one new Grade A only



## Fast Installation

Plug & Play battery interface



## Slim Design

Small foot print  
save installation space



## Safety

BMS & Breaker two  
level protection



## Long Life

10000 cycles  
long working lifespan



MODEL	TG-Tower-51280		TG-Tower-51314	
Electrical Characteristics				
Rate voltage(Vdc)	51.2			
Cell combination	16S1P			
Rate capacity(AH)	280		314	
Energy storage(KWH)	14.3		16.07	
Cycle life	10000 cycles @80% DOD, 0.5C			
Charge/Discharge Standard				
Charge voltage(V)	56			
Max. charge current(A)	100 (Optional 150/200A)			
Max. discharge current(A)	100 (Optional 150/200A)			
Discharge cut-off voltage(VDC)	43.2			
Charge cut-off voltage(VDC)	58.4			
Enviornment				
Charge temperature	0°C to 50°C@60±25% Relative Humidity			
Discharge temperature	-20°C to 50°C@60±25% Relative Humidity			
Storage temperature	-20°C to 50°C@60±25% Relative Humidity			
Mechanical				
IP class	IP54			
Material system	LiFePO4			
Case material	Metal			
Case type	Tower			
Pack dimension L*W*H(mm)	615*180*890			
Net weight(kg)	115			
Gross weight(kg)	135			
Communication				
Protocol(Optional)	CANBus/RS485/RS232			
Monitoring	Bluetooth/WLAN Optional			
Certificates				
Pack	UN38.3, MSDS			
Cell	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054			